

Supplementary Material S5. Linear mixed effects models using repeated measures of calendar date with piecewise linear splines and child physical activity (minutes per day), stratified by age^a

< 5 years old						≥ 5 years olds					
Subject s	Observation s	Mean (SD) (minutes)	Slope estimate (95% CI) (minutes/day)	<i>P</i>	Average total change (minutes)	Subject s	Observation s	Mean (SD) (minutes)	Slope estimate (95% CI) (minutes/day)	<i>P</i>	Average total change (minutes)
Aug 29, 2013 to Mar 16, 2020 (pre-COVID-19)											
558 ^b	1234	249 (187.7)	-0.01 (-0.03 to 0.004)	.14	-29.9	143 ^b	242	86.7 (49.6)	-0.03 (-0.06 to 0.003)	.08	-64.1
Mar 17, 2020 to Jun 23, 2020 (1st lockdown)											
82	159	355.9 (176.7)	1.11* (0.83 to 1.39)	<.00 1	109.9	108	187	254.9 (163.0)	1.94* (1.59 to 2.29)	<.00 1	192.1
June 24, 2020 to Nov 22, 2020 (1st reopening)											
159	509	329.9 (178.7)	-0.43* (-0.63 to - 0.22)	<.00 1	-64.6	222	705	256.2 (164.8)	-0.62* (-0.74 to -0.50)	<.00 1	-94.8

Nov 23, 2020 to Jun 10, 2021 (2nd lockdown)											
137	392	282.8 (155.9)	-0.06 (-0.24 to 0.13)	.57	-11.0	292	929	180.9 (138.0)	-0.09 (-0.19 to 0.005)	.06	-18.6
Jun 11, 2021 to present (2nd reopening)											
71	123	293.5 (149.2)	0.48 (-0.26 to 1.23)	.20	39.1	190	325	257.1 (158.1)	2.00* (1.65 to 2.35)	<.00 1	162.0

^aAdjusted for child sex, maternal ethnicity, parent-reported annual household income, dwelling, # of siblings

^bThe sum of age-stratified subject totals from the Aug 29, 2013 to Mar 16, 2020 (pre-COVID-19) period may exceed 589 because some subjects may have belonged to both groups (at different times) during the course of the 7 year pre-COVID-19 period.

* p<.05.